



**United States of America
Department of Homeland Security
United States Coast Guard**

Certification Date: 22 Jan 2020
Expiration Date: 22 Jan 2021

Temporary Certificate of Inspection

For ships on international voyages this certificate fulfills the requirements of SOLAS 74 as amended, regulation V/14, for a SAFE MANNING DOCUMENT.

This Temporary Certificate of Inspection is issued under the provision of Title 46 United States Code, Section 399, in lieu of the regular certificate of inspection, and shall be in force only until the receipt on board said vessel of the original certificate of inspection, this certificate in no case to be valid after one year from the date of inspection.

Vessel Name	Official Number	IMO Number	Call Sign	Service
KIRBY 16802	956355			Tank Barge

Hailing Port	Hull Material	Horsepower	Propulsion
HOUSTON, TX	Steel		
UNITED STATES			

Place Built	Delivery Date	Keel Laid Date	Gross Tons	Net Tons	DWT	Length
CARUTHERSVILLE, MO	15Dec1989		R-1179	R-1179		R-260.0
UNITED STATES			-	-		10

Owner	Operator
KIRBY INLAND MARINE, LP 55 Waugh Drive Suite 1000 Houston, TX 77007 UNITED STATES	KIRBY INLAND MARINE, LP 18350 MARKET STREET CHANNELVIEW, TX 77530 UNITED STATES

This vessel must be manned with the following licensed and unlicensed Personnel. Included in which there must be 0 Certified Lifeboatmen, 0 Certified Tankermen, 0 HSC Type Rating, and 0 GMDSS Operators.

0 Masters	0 Licensed Mates	0 Chief Engineers	0 Oilers
0 Chief Mates	0 First Class Pilots	0 First Assistant Engineers	
0 Second Mates	0 Radio Officers	0 Second Assistant Engineers	
0 Third Mates	0 Able Seamen	0 Third Assistant Engineers	
0 Master First Class Pilot	0 Ordinary Seamen	0 Licensed Engineers	
0 Mate First Class Pilots	0 Deckhands	0 Qualified Member Engineer	

In addition, this vessel may carry 0 Passengers, 0 Other Persons in crew, 0 Persons in addition to crew, and no Others. Total Persons allowed: 0

Route Permitted And Conditions Of Operation:

---Lakes, Bays, and Sounds---

This vessel has been granted a fresh water service examination interval in accordance with 46 CFR 31.10-21(A) (2). If this vessel is operated in salt water more than 6 months in any 12 month period, the vessel must be inspected using salt water intervals per 46 CFR 31.10-21(A) (1) and the cognizant OCMI must be notified in writing as soon as this change in status occurs.

This tank barge is participating in the Eighth and Ninth Coast Guard District's Tank Barge Streamlined Inspection Program (TBSIP). Inspection activities aboard this barge shall be conducted in accordance with its Tank Barge Action Plan (TAP). Inspection issues concerning this barge should be directed to OCMI Houston-Galveston.

*****SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION*****

With this Inspection for Certification having been completed at Port Arthur, TX, UNITED STATES, the Officer in Charge, Marine Inspection, Marine Safety Unit Port Arthur certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Re-Inspection				This certificate issued by: <i>J.J. Andrew</i> CDR J.J. ANDREW, CDR, USCG, By direction Officer in Charge, Marine Inspection Marine Safety Unit Port Arthur Inspection Zone
Date	Zone	A/P/R	Signature	



Temporary Certificate of Inspection

Vessel Name: KIRBY 16802

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
DryDock	31Jan2030	22Jan2020	02Oct2009
Internal Structure	31Jan2025	22Jan2020	23Oct2014

--- Liquid/Gas/Solid Cargo Authority/Conditions ---

Authorization: LFG & SPECIFIED HAZARDOUS CARGOES

Total Capacity	Units	Highest Grade Type	Part151 Regulated	Part153 Regulated	Part154 Regulated
16253	Barrels	LFG	Yes	No	No

Hazardous Bulk Solids Authority

Loading Constraints - Structural

Tank Location Description	Max Cargo Weight per Tank (short tons)	Maximum Density (lbs/gal)
1 & 2 (IBL)	797	5.000
1 & 2 (BDI)	835	5.200
1 & 2 (IBT)	739	4.700
1 & 2 (BUT)	767	4.800
1 & 2 (BTN)	793	4.960
1 & 2 (PRP)	639	4.200
1 & 2 (PPL)	668	4.300
1 & 2 (BMX)	739	4.700

Conditions Of Carriage

Loading Constraints - Stability

Hull Type	Max Load (S/T)	Max Draft (ft/in)	Max Density (lbs/gal)	Route
II (BDI)	1671	8'5"	5.2	LBS, R, LC (0-12)
II (BUT)	1535	8'1"	4.8	LBS, R, LC (0-12)
II (IBT)	1478	7'11"	4.7	LBS, R, LC (0-12)
II (BTN)	1578	8'2"	4.96	LBS, R, LC (0-12)
II (IBL)	1595	8'3"	5.0	LBS, R, LC (0-12)
II (PRP)	1279	7'4"	4.2	LBS, R, LC (0-12)
II (PPM)	1279	7'4"	4.2	LBS, R, LC (0-12)
II (PPL)	1326	7'6"	4.3	LBS, R, LC (0-12)
II (BMX)	1478	7'11"	4.7	LBS, R, LC (0-12)

Only those cargoes named in the vessel's Cargo Authority Attachment, serial #VN89015872, dated 25MAY01, may be carried, and then only in the tanks indicated.

Inspected and approved for the carriage of specified liquefied flammable gases at a pressure not to exceed 260 PSIG relief valve setting and at a temperature not less than ambient (0-115 degrees Fahrenheit).

Mixtures of this subchapter D liquefied flammable gas cargoes Butane (BUT); Isobutane (IBT); Butylene (BTN); Isobutylene (IBL); Propane (PRP); and Propylene (PPL) are also authorized for carriage subject to the loading and stability constraints of the least dense gas cargo in the mixtures specified above.

Mixtures of the subchapter O and D liquefied gas cargoes not specified above must be approved by COMMANDANT (G-MTH-



Temporary Certificate of Inspection

Vessel Name: KIRBY 16802

1) prior to being authorized for carriage. PPM is the only O and D mixture presently authorized.

No other cargoes may be carried when PPM is carried unless the PPM piping system is separated from other cargo piping systems.

*** Special Seasonal Loading Constraints ***

Vessel authorized special seasonal loading constraints for the carriage of Propylene (PPL) not to exceed 98% of cargo tank capacity and in accordance with operating procedures approved by MSO New Orleans letter serial #16711 dated 02MAY96.

Stability and Trim

Cargo tanks must be loaded uniformly whenever a 46 CFR Subchapter 'O' cargo is carried; for trim purposes, the weight of cargo in each tank may exceed the uniformly loaded tank cargo weight by at most 5 percent.

--- Inspection Status ---

Cargo Tanks

Tank Id	Internal Exam			External Exam		
	Previous	Last	Next	Previous	Last	Next
1 & 2 (IBL)	02Oct2009	22Jan2020	31Jan2030	-	-	-
1 & 2 (BDI)	02Oct2009	22Jan2020	31Jan2030	-	-	-
1 & 2 (IBT)	02Oct2009	22Jan2020	31Jan2030	-	-	-
1 & 2 (BUT)	02Oct2009	22Jan2020	31Jan2030	-	-	-
1 & 2 (BTN)	02Oct2009	22Jan2020	31Jan2030	-	-	-
1 & 2 (PRP)	02Oct2009	22Jan2020	31Jan2030	-	-	-
1 & 2 (PPL)	02Oct2009	22Jan2020	31Jan2030	-	-	-
1 & 2 (BMX)	02Oct2009	22Jan2020	31Jan2030	-	-	-

Hydro Test

Tank Id	Safety Valves	Previous	Last	Next
1 & 2 (IBL)	14Oct2014	-	-	-
1 & 2 (BDI)	14Oct2014	-	-	-
1 & 2 (IBT)	14Oct2014	-	-	-
1 & 2 (BUT)	14Oct2014	-	-	-
1 & 2 (BTN)	14Oct2014	-	-	-
1 & 2 (PRP)	14Oct2014	-	-	-
1 & 2 (PPL)	14Oct2014	-	-	-
1 & 2 (BMX)	14Oct2014	-	-	-

---Lifesaving Equipment---

Total Equipment for 0 Persons

Primary Lifesaving Equipment	Quantity	Capacity		Required
Lifeboats (Total)	0	0	Life Preservers (Adult)	0
Lifeboats (Port)	0	0	Life Preservers (Child)	0
Lifeboats (Starboard)	0	0	Ring Buoys (Total)	0
Motor Lifeboats	0	0	With Lights	0



Temporary Certificate of Inspection

Vessel Name: KIRBY 16802

Lifeboats With Radio	0	0	With Line Attached	0
Rescue Boats/Platforms	0	0	Other	0
Inflatable Rafts	0	0	Immersion Suits	0
Life Floats/Buoyant App	0	0	Portable Lifeboat Radios	0
Inflatable Buoyant Apparatus (IBA)	0	0	Equipped With EPIRB?	NO

---Conditional Portable Fire Extinguisher Requirements---

Required Only During Transfer of Cargo or Operation of Barge Machinery

--- Fire Fighting Equipment ---

Fire Extinguishers - Hand portable and semi-portable

Quantity	Class Type
2	B-II

END



Certificate of Inspection

Cargo Authority Attachment

Vessel Name: HOLLYWOOD CHEM 161

Shipyard: CARUTHERSVI

Official #: D956355

Page 1 of 1

Hull #: 5306

List of Authorized Cargoes

Cargo Identification						Conditions of Carriage	
Name	Chem Code	Compat		Hull Type	Note	Special Requirements in 46 CFR 151 General and Mat'ls of Construction	
		Group No	Exc				

Authorized Subchapter O Cargoes

Butadiene	BDI	30	N	LFG	II	.50-70(a), .50-73	
Propylene, Propane, MAPP gas mixture (containing 12% orless MAPP gas)	PPM	30	Y	LFG	III		

Explanation of terms & symbols used in the Table:

Cargo Identification

Name	The proper shipping name as listed in 46 CFR Table 151.05.
Chem Code	The three letter designation assigned to the cargo in the Chemical Hazards Response Information System (CHRIS) Manual.
Compatability Group No.	The cargo reactive group number assigned for compatibility determinations in 46 CFR Part 150 Tables I and II. In accordance with 46 CFR 150.130, the Person-in-Charge of the barge is responsible for ensuring that the compatibility requirements of 46 CFR Part 150 are met. Cargoes must be checked for compatibility using the figures, tables, and appendices of 46 CFR 150 in conjunction with the assigned reactive group number.
Exceptions (Exc)	Indication of whether or not there are exceptions to the compatibility chart for the given cargo. See Appendix I to 46 CFR Part 150.
Grade	The cargo classification assigned to each flammable or combustible liquid. Grades inside of "{ }" indicate a provisional assignment based upon literature sources which were not verified by manufacturers data. The Person-In-Charge shall verify the cargo grade based on Manufacturers data and ensure that the barge is authorized for carriage of that grade of cargo.
A, B, C	Flammable liquid cargoes, as defined in 46 CFR 30-10.22.
D, E	Combustible liquid cargoes, as defined in 46 CFR 30-10.15.
NA, NF	Those subchapter O cargoes which are not classified as a flammable or combustible liquid.
#	No flammability/combustibility grade has been assigned yet, as the necessary flash point/vapor pressure data for such assignments are presently not available.
Hull Type	The required barge hull classification for carriage of the specified Subchapter O hazardous material cargo, see 46 CFR 151.10-1.
I	Designed to carry products which require the maximum preventive measures to preclude the uncontrolled release of the cargo. See 46 CFR 151.10-1(b)(1).
II	Designed to carry products which require significant preventive measures to preclude the uncontrolled release of cargo. See 46 CFR 151.10-1(b)(3).
III	Designed to carry products of sufficient hazard to require a moderate degree of control. See 46 CFR 151.10-1(b)(4).

Conditions of Carriage

Note	See Certificate of Inspection for explanation of symbols used in this column.
------	---

Safety valve inspection report

Certificate nr 560
Date 12-07-2019

Job no. LV-4621-50
Client Kirby

Valve data

Set pressure (cold) 260 psi
Tag. No.
Serial No. 44175
Manufacturer Crosby
Type / Model J046B

Size 8xRx10
Rating 600x150
Nozzle / Orifice R
Fluid Air
Barge # K 16802

Test data

Set pressure test

Found set pressure 259 psi
Reseat pressure (indication) 258 psi
Result Passed
Test method Air

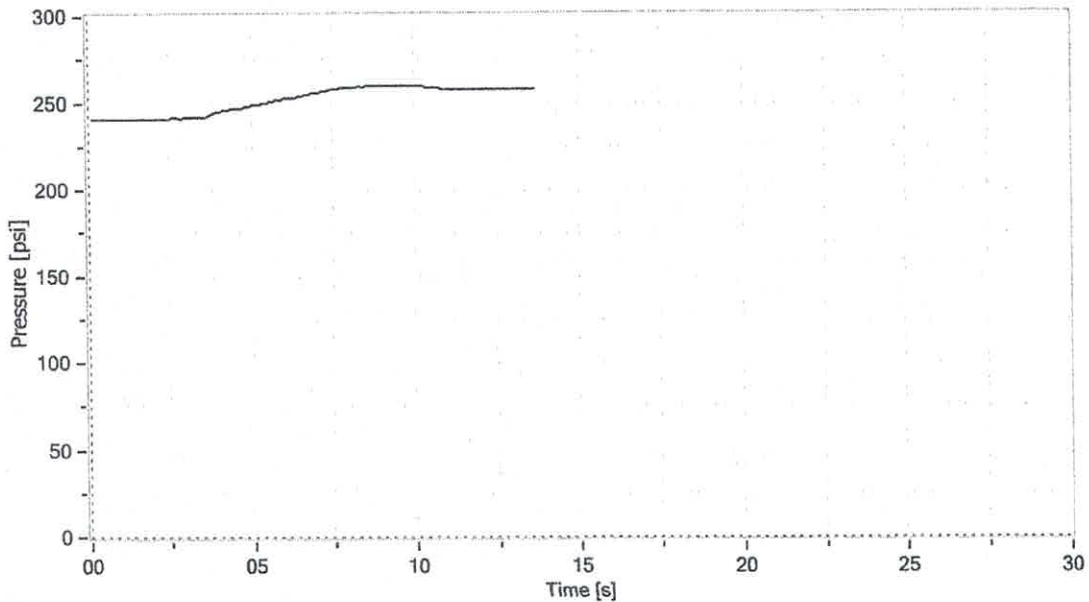
Seat tightness test

Leakage 0 bubbles/min.
Test pressure 244 psi
Result Passed

Manual Back Pressure test

BP Pressure 20psi
BP Result Passed

Law Valve of Texas



Tested by

Name Javier Gutierrez

Date 12-10-19

Signature

Inspected by

Name FRANK MEYER

Date 12-10-2019

Signature

Safety valve inspection report

Certificate nr 559
Date 12-07-2019

Job no. LV-4621-SO
Client Kirby

Valve data

Set pressure (cold) 260 psi
Tag. No.
Serial No. 44173
Manufacturer Crosby
Type / Model J046B

Size 8xRx10
Rating 600x150
Nozzle / Orifice R
Fluid Air
Barge # K 16802

Test data

Set pressure test

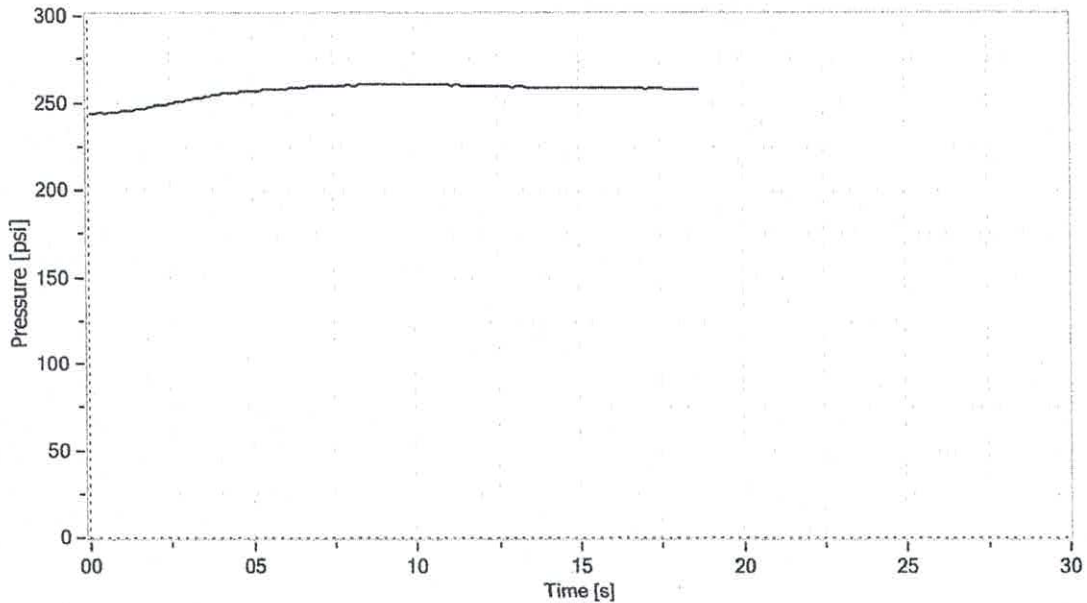
Found set pressure 260 psi
Reseat pressure (indication) 258 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 256 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date 12-10-19
Signature *[Signature]*

Inspected by
Name FRANK MEYER
Date 12-10-2019
Signature *[Signature]*

Safety valve inspection report

Certificate nr 558
Date 12-07-2019

Job no. LV-4621-SO
Client Kirby

Valve data

Set pressure (cold) 260 psi
Tag. No.
Serial No. 48217-24
Manufacturer Crosby
Type / Model J035

Size 6xRx8
Rating 600x150
Nozzle / Orifice R
Fluid Air
Barge # K 16802

Test data

Set pressure test

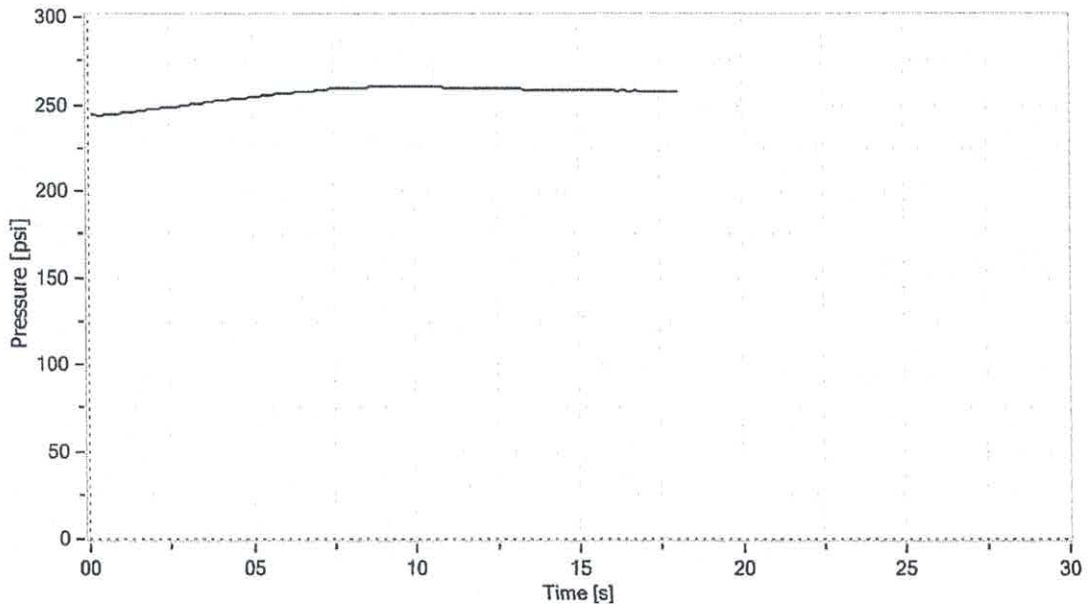
Found set pressure 260 psi
Reseat pressure (indication) 258 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 255 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date 12-10-19
Signature

Inspected by
Name FRANK MEYER
Date 12-10-2019
Signature

Safety valve inspection report

Certificate nr 557
Date 12-07-2019

Job no. LV-4621-SO
Client Kirby

Valve data

Set pressure (cold) 260 psi
Tag. No.
Serial No. 48217-19
Manufacturer Crosby
Type / Model J035

Size 6xRx8
Rating 600x150
Nozzle / Orifice R
Fluid Air
Barge # K 16802

Test data

Set pressure test

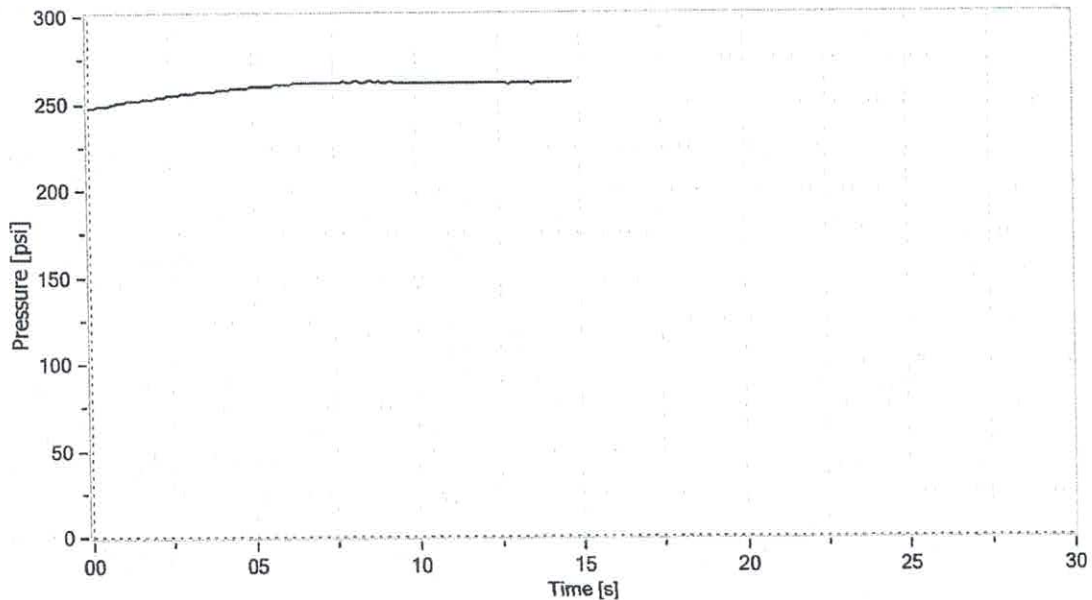
Found set pressure 262 psi
Reseat pressure (indication) 261 psi
Result Passed
Test method Air

Seat tightness test

Leakage 0 bubbles/min.
Test pressure 253 psi
Result Passed

Manual Back Pressure test

BP Pressure 30 psi
BP Result Passed



Tested by
Name Javier Gutierrez
Date 12-10-19
Signature *JG*

Inspected by
Name *FRANK MOYER*
Date 12-10-2019
Signature *Frank Moyer*

Safety valve inspection report

Certificate nr 602
Date 12-19-2019

Job no. LV-4621-SO
Client Kirby

Valve data

Set pressure (cold) 480 psi
Tag. No.
Serial No. L191136-11
Manufacturer Aquatrol
Type / Model 742DG1V2K1

Size 1x1
Rating
Nozzle / Orifice 1
Fluid Air
Barge # K 16802

Test data

Set pressure test

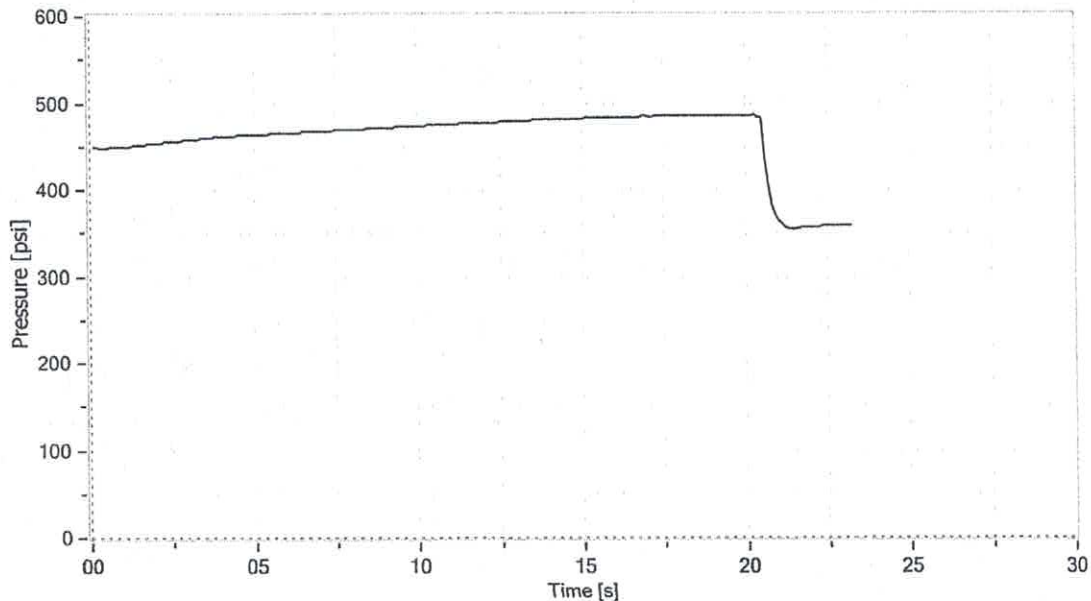
Found set pressure 486 psi
Reseat pressure (indication) 359 psi
Result Passed
Test method Air

Seat tightness test

Leakage -
Test pressure -
Result -

Manual Back Pressure test

BP Pressure
BP Result



Tested by
Name
Date
Signature

David
12-19-19

Inspected by

Name *Soey Green*
Date 12/19/19
Signature

Safety valve inspection report

Certificate nr 601
Date 12-19-2019

Job no. LV-4621-SO
Client Kirby

Valve data

Set pressure (cold) 480 psi
Tag. No.
Serial No. L191136-8
Manufacturer Aquatrol
Type / Model 742DH1V2K1

Size 1x1
Rating
Nozzle / Orifice 1
Fluid Air
Barge # K 16802

Test data

Set pressure test

Found set pressure 485 psi
Reseat pressure (indication) 356 psi
Result Passed
Test method Air

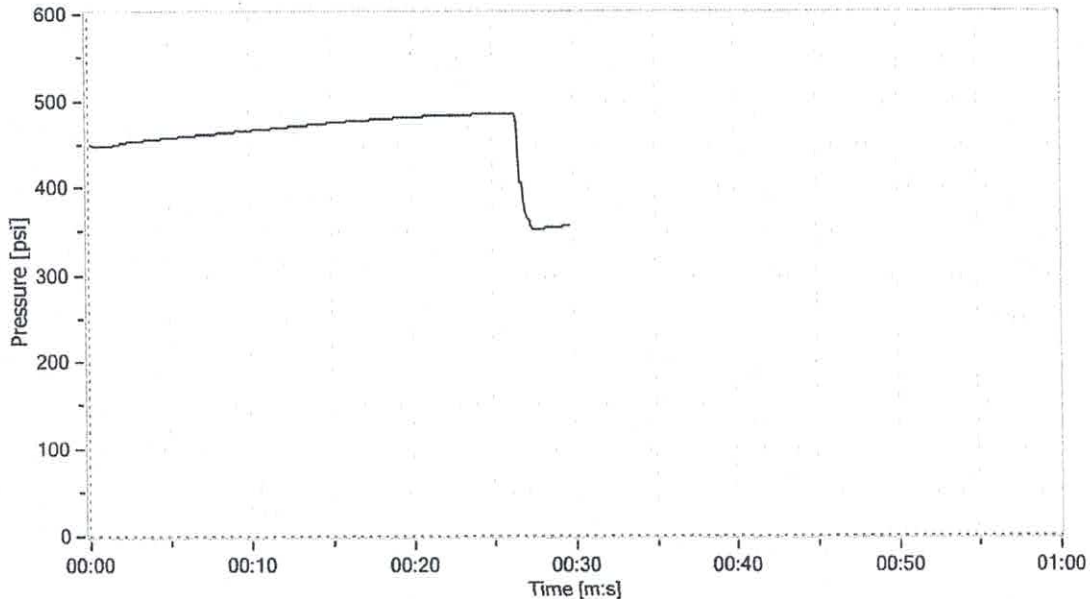
Seat tightness test

Leakage -
Test pressure -
Result -

Manual Back Pressure test

BP Pressure
BP Result

Law Valve of Texas



Tested by
Name David Theiler
Date 12-19-19
Signature *[Signature]*

Inspected by
Name *[Signature]*
Date 12/19/19
Signature *[Signature]*

Safety valve inspection report

Certificate nr 600
Date 12-19-2019

Job no. LV-4621-SO
Client Kirby

Valve data

Set pressure (cold) 480 psi
Tag. No.
Serial No. L191136-12
Manufacturer Aquatrol
Type / Model 742DG1V2K1

Size 1x1
Rating
Nozzle / Orifice 1
Fluid Air
Barge # K 16802

Test data

Set pressure test

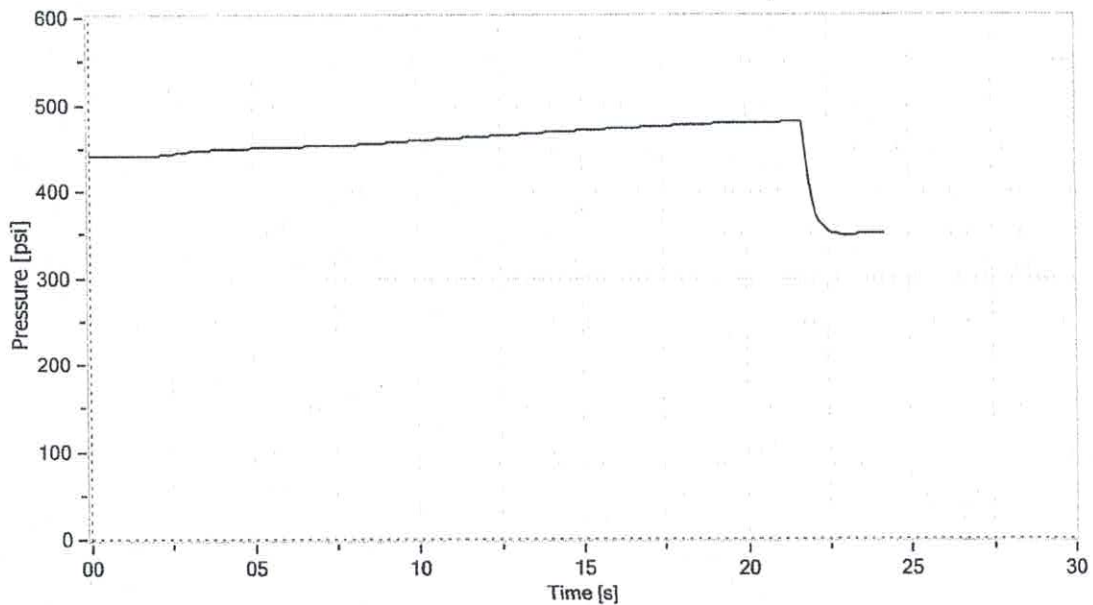
Found set pressure 481 psi
Reseat pressure (indication) 351 psi
Result Passed
Test method Air

Seat tightness test

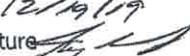
Leakage -
Test pressure -
Result -

Manual Back Pressure test

BP Pressure
BP Result



Tested by
Name David Theiler
Date 12-19-19
Signature 

Inspected by
Name Jay Green
Date 12/19/19
Signature 

Safety valve inspection report

Certificate nr 603
Date 12-19-2019

Job no. LV-4621-50
Client Kirby

Valve data

Set pressure (cold) 480 psi
Tag. No.
Serial No. L191136-3
Manufacturer Aquatrol
Type / Model 742DG1V2K1

Size 1x1
Rating
Nozzle / Orifice 1
Fluid Air
Barge # K 16802

Test data

Set pressure test

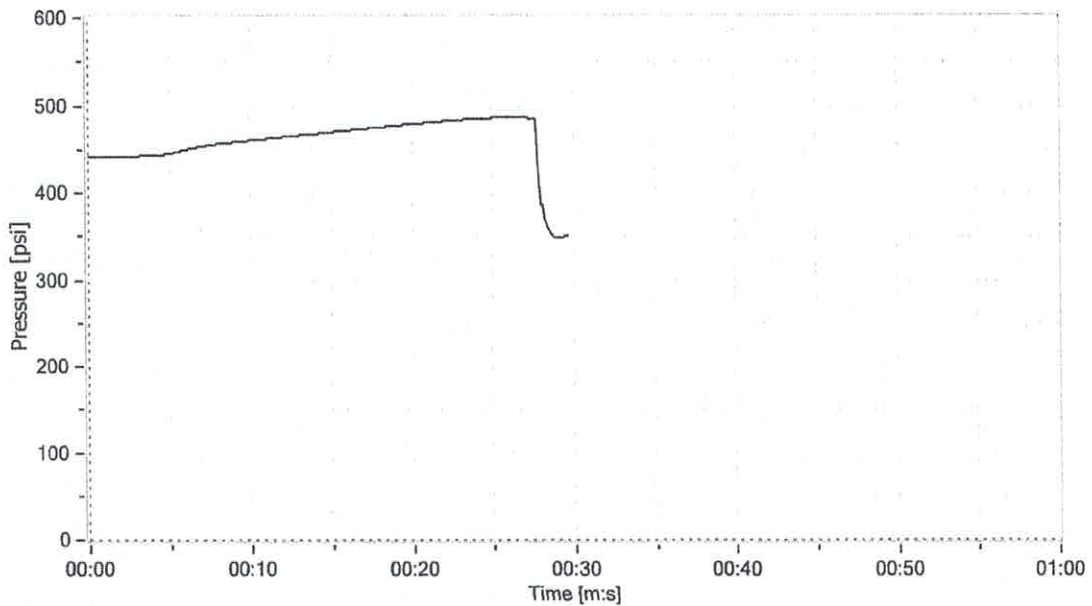
Found set pressure 487 psi
Reseat pressure (indication) 350 psi
Result Passed
Test method

Seat tightness test

Leakage -
Test pressure -
Result -

Manual Back Pressure test

BP Pressure
BP Result



Tested by

Name David Theiler
Date 12-19-19
Signature *[Signature]*

Inspected by

Name Tracy Green
Date 12/19/19
Signature *[Signature]*